Pilot ID / Initials:	Date:			^	
Study Title:		(e.g. DAG-TN	1 CE 6/11 Nov. 200	3)	
INSTRUCTIONS					
		scale is provided, p stion does not apply		esponse as shown in	n the
1	2	3	(4)	5	NA
LOW		NORMAL		HIGH	IVA
EN ROUTE AIRSE	PACE				
transition point (be	eing at or near the i	meter fix).		ruise at altitude – to	
		the CDTI generally sequence of a traffic		ruction and execuroute environment:	ıtion
1	2	3	4	5	
Never supported the task				Always supported the task	NA
EN2. Please rate t	he degree to which	the CDTI generally	supported meetir	ng an RTA:	
1	2	3	4	5	
	-		-		
Never supported the task	-	3	<u> </u>	Always supported the task	NA
the task EN3. Datalink re		or voice communica		Always supported	
the task EN3. Datalink re	educes the need fo	or voice communica		Always supported the task	ch it
the task EN3. Datalink rehelped reduce wor	educes the need fo kload in this environ	or voice communica nment:	ations. Please rate	Always supported the task the degree to whi	

1	2	3	4	5	
Not practical / unacceptable				Practical / acceptable	NA

EN4. Please rate your **overall impression** of CE6 trajectory negotiation from a flight deck

perspective:

EN5. Please detail any aspect of the En Route Airspace activities, procedures, or available CDTI tools/ information you believe we should review , improve , or otherwise modify for the future.
TERMINAL AIRSPACE
Terminal airspace typically covers the period from <i>transition</i> to landing, including any "PDA spacing" that may have been undertaken.

TA1. As undertaken in the simulation, **PDA Spacing** creates a level of inter-aircraft safety that is:

1	2	3	4	5	NA
Unacceptable				Acceptable	NA

TA2. Datalink reduces the need for voice communications. Please rate the degree to which it helped reduce workload in this environment:

1	2	3	4	5	
Never helpful in reducing workload				Always helpful in reducing workload	NA

TA3. In general, the **spacing value** (e.g. 90 seconds) assigned to my aircraft during approach was:

1	2	3	4	5	NA
Unacceptable				Acceptable	NA

TA4. Please detail any aspect of the Terminal Airspace activities, procedures, or available CDTI tools/information you believe we should review , improve , or otherwise modify for the future.

CDTI TOOLS & INTERFACE - Usability

CDTI tools & interface refers to the display device that presented traffic, conflicts, spacing, etc. on the flight deck in the ACFS and on the MACS desktop simulator.

Please rate the *usability* of each of the following CDTI elements. Usability refers to the ease with which an interface element / tool is understood and operated.

C1. Aircraft Information		Very Difficult				
Color coding of traffic with respect to altitude	1	2	3	4	5	NA
Altitude tail tag (relative vs. absolute)	1	2	3	4	5	NA
Altitude climb/descent trend arrow	1	2	3	4	5	NA
Traffic aircraft data tags	1	2	3	4	5	NA

C2. Route Information	Very Difficult			Very Easy			
Waypoint symbols	1	2	3	4	5	NA	
Waypoint names and the data tag information	1	2	3	4	5	NA	
Next waypoint information (top right of display)	1	2	3	4	5	NA	
4D Flight plans	1	2	3	4	5	NA	
Flight path predictors (pulsing)	1	2	3	4	5	NA	

C3. Primary Alerting System	Very Difficult				Very Easy	
Alert level symbology coding/changes	1	2	3	4	5	NA
Alert level auditory warning(s)	1	2	3	4	5	NA
C4. Route Assessment Tool	Very Difficult				Very Easy	
Alternate flight path symbology	1	2	3	4	5	NA
Waypoint table (bottom right of display)	1	2	3	4	5	NA
Null point and pivot point	1	2	3	4	5	NA
RAT functions on the control strip	1	2	3	4	5	NA
Flight path 'drag-and-drop' feature	1	2	3	4	5	NA
C5. PDA "Spacing" Tool	Very Difficult	:			Very Easy	
Color coding of spacing box	1	2	3	4	5	NA
Commanded speed (top left of display)	1	2	3	4	5	NA
Spacing function manipulation on the control strip	1	2	3	4	5	NA
C6. Display Settings	Very Difficult	:			Very Easy	
Compass Arc vs. Compass Rose	1	2	3	4	5	NA
Displayed range	1	2	3	4	5	NA
3D views	1	2	3	4	5	NA
C7. Please detail any CDTI interface element or tool you otherwise modify for the future.	believe	we sh	ould r	eview,	impro	ve, or

CDTI TOOLS & INTERFACE - Usefulness

CDTI tools & interface refers to the display device that presented traffic, conflicts, spacing, etc. on the flight deck in the ACFS and/or on the MACS desktop simulator.

Please rate the usefulness of each of the following CDTI elements. Usefulness refers to the expected utility of each interface element / tool under real-world operating conditions.

D1. Aircraft Information		t	Very Easy			
Color coding of traffic with respect to altitude	1	2	3	4	5	NA
Altitude tail tag (relative vs. absolute)	1	2	3	4	5	NA
Altitude climb/descent trend arrow	1	2	3	4	5	NA
Traffic aircraft data tags	1	2	3	4	5	NA

D2. Route Information	Very Difficult		Very Easy			
Waypoint symbols	1	2	3	4	5	NA
Waypoint names and the data tag information	1	2	3	4	5	NA
Next waypoint information (top right of display)	1	2	3	4	5	NA
4D Flight plans	1	2	3	4	5	NA
Flight path predictors (pulsing)	1	2	3	4	5	NA

D3. Primary Alerting System	Very Difficult			Very Easy		
Alert level symbology coding/changes	1 2 3		4	5	NA	
Alert level auditory warning(s)	1	2	3	4	5	NA

D4. Route Assessment Tool	Very Difficult	,				
Alternate flight path symbology	1	2	3	4	5	NA
Waypoint table (bottom right of display)		2	3	4	5	NA
Null point and pivot point		2	3	4	5	NA
RAT functions on the control strip		2	3	4	5	NA
Flight path 'drag-and-drop' feature	1	2	3	4	5	NA

D5. PDA "Spacing" Tool	Very Difficult				Very Easy	
Color coding of spacing box	1	2	3	4	5	NA
Commanded speed (top left of display)	1	2	3	4	5	NA
Spacing function manipulation on the control strip	1 2 3			4	5	NA
D6. Display Settings	Very Difficult			Very Easy		
Compass Arc vs. Compass Rose	1	2	3	4	5	NA
Displayed range	1	2	3	4	5	NA
3D views	3D views 1 2		3	4	5	NA
SIMULATION QUALITY						
Simulation quality refers to how well we conducted the and requirements, the realism of in-flight communications						

SQ1. Please rate our communication/presentation of the **study purpose** and/or goals:

1	2	3	4	5	NA
POOR		GOOD		EXCELLENT	IVA

SQ2. Please rate the overall realism, including accuracy, of all **in-flight radio communications**. Consider those with ATC, other aircraft, and 'party-line.'

1	2	3	4	5	NA
UNREALISTIC		GOOD		REALISTIC	IVA

SQ3. Please rate the **overall quality** of the simulation study:

1	2	3	4	5	NA	
POOR		GOOD		EXCELLENT	IVA	

SQ4. Please detail any aspect of the study you believe we should review , improve , or otherwise modify for the future.
General Comments: